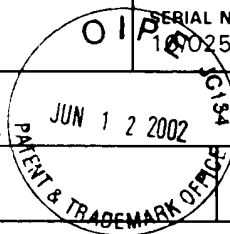


FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: June 12, 2002

ATTY DOCKET NO.  
2001-1897APPLICANT  
Makoto AKIZUKI et al.FILING DATE  
December 26, 2001SERIAL NO.  
16025,899GROUP  
1762

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
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	AC						
	AD						
	AE						
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	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
BP	AJ	4-354865	12/1992	Japan			X	
	AK	5-102083	4/1993	Japan			X	
	AL	60-14440	1/1985	Japan			X	
	AM	63-38232	2/1988	Japan			X	
—	AN	—	—	—	—	—	—	—

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
	AP	
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DATE CONSIDERED

8-5-02

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: June 5, 2002

ATTY DOCKET NO.  
2001-1897SERIAL NO.  
10/025,899APPLICANT  
Makoto AKIZUKI et al.FILING DATE  
December 26, 2001GROUP  
1762

JUN 05 2002

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BP	AJ	3-6354	1/1991	Japan			X
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EXAMINER

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DATE CONSIDERED

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: December 26, 2001

ATTY DOCKET NO.  
2001-1897

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Makoto AKIZUKI et al.FILING DATE  
December 26, 2001GROUP  
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12/26/01

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BP	AA 5,459,326	10/1995	Yamada			
	AB 5,110,435	5/1992	Haberland			
	AC 5,350,607	9/1994	Tyson et al.			
	AD 4,624,859	11/1986	Akira et al.			
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BP	AH	"NEW HORIZONS IN MATERIALS PROCESSING WITH ICB", Isao Yamada, Proc. 14th Symp. on ISIAT '91, Tokyo, (1991), Ion Beam Engineering Experimental Laboratory, pp. 227-235. (No month avail.)
	AI	"IRRADIATION EFFECTS OF A MASS ANALYZED GAS CLUSTER ION BEAM ON SILICON SUBSTRATES", Y. Yamashita et al., Proc. 1st Meeting on IESI '92, Tokyo, Ion Beam Engineering Experimental Laboratory, pp. 247,250. (No month avail.)
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	AK	"Surface modification with gas cluster ion beams", I. Yamada et al., Nuclear instruments and Methods in Physics Research B79 (1993) pp. 223-226. (No month avail.)
	AL	"A Method and apparatus for surface modification by gas-cluster ion impact", J.A. Northby et al., Nuclear Instruments and Methods in Physics Research B79 (1993) pp. 336-340. (No month avail.)
	AM	"Cluster Formation in Expanding Supersonic Jets: Effect of Pressure, Temperature, Nozzle Size, and Test Gas", Hagena et al., The Journal of Chemical Physics, Vol. 56, No. 5, 1 March 1972, pp. 1793-1802.
	AN	"Micromachining with cluster ions", Henkes et al., Vacuum/volume 39, no. 6, pp. 541-542, 1989. (No month avail.)
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DATE CONSIDERED		8-6-02

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Date Submitted to PTO: December 26, 2001

ATTY DOCKET NO.  
2001-1897SERIAL NO.  
NEW

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APPLICANT  
Makoto AKIZUKI et al.FILING DATE  
December 26, 2001

GROUP

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BP</i>	AA	5,527,731	6/1996	Yamamoto et al.			
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	AN						

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